



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

08 March 2013

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "78 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>.

Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 (sharon.scroggins@nasa.gov).

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Acronyms and Abbreviations

AAC = Alabama Administrative Code
AAM = *Alabama Administrative Monthly*
ACCESS = Alternative Fuel Effects on Contrails and Cruise Emissions
ARB = Air Resources Board
AST = Aboveground storage tank
AVAQMD = Antelope Valley Air Quality Management District
BAAQMD = Bay Area Air Quality Management District
CAA = Clean Air Act
CAS = Chemical Abstracts Service
CCR = California Code of Regulations
CEC = Constituents of emerging concern
CEQ = Council on Environmental Quality
CEQA = California Environmental Quality Act
CFO = Chief Financial Officer
CFR = *Code of Federal Regulations*
CGP = Construction General Permit
CO = Carbon monoxide
CO₂ = Carbon dioxide
CRNR = California Regulatory Notice Register
DAR = Department of Administrative Rules
DARTIC = Developmental and Reproductive Toxicant Identification Committee
DEA = Draft economic analysis
DFRC = Dryden Flight Research Center
DOE = U.S. Department of Energy
ECHA = European Chemicals Agency
EKAPCD = Eastern Kern Air Pollution Control District
EIB = Environmental Improvement Board
EMFAC = Emission Factor
EPA = U.S. Environmental Protection Agency
EPCRA = Emergency Planning and Community Right-to-Know Act
EU = European Union
FAA = Federal Aviation Administration
F.A.C. = Florida Administrative Code
FAR = *Florida Administrative Register*
FR = *Federal Register*
GHS = Globally harmonized system
GRC = Glenn Research Center
GSFC = Goddard Space Flight Center
HAP = Hazardous air pollutant
HazCom = Hazard communication
HCS = HazCom standard
HMR = Hazardous Materials Regulations
JP = Jet propellant
KSC = Kennedy Space Center

MDAQMD = Mojave Desert Air Quality Management District
µg/m³ = Micrograms per cubic meter
mg/m³ = Milligrams per cubic meter
MS4 = Municipal separate storm sewer system
NAAQS = National Ambient Air Quality Standards
NASA = National Aeronautics and Space Administration
NEPA = National Environmental Policy Act
NESHAP = National Emission Standards for Hazardous Air Pollutants
NHPA = National Historic Preservation Act
NMAC = New Mexico Administrative Code
NO₂ = Nitrogen dioxide
NPDES = National Pollutant Discharge Elimination System
OAL = Office of Administrative Law
OEHHA = Office of Environmental Health Hazard Assessment
OEPA = Ohio Environmental Protection Agency
OSHA = Occupational Safety and Health Administration
PHG = Public health goal
PM₁₀ = Particulate matter less than 10 micrometers
PM_{2.5} = Particulate matter less than 2.5 micrometers
ppb = Parts per billion
PSD = Prevention of significant deterioration
REACH = Registration, Evaluation, Authorization, and Restriction of Chemicals
REL = Reference exposure level
RICE = Reciprocating internal combustion engine
RIN = Regulatory Identification Number
RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
SAB = Science Advisory Board
SDS = Safety data sheet
SIP = State Implementation Plan
SNUR = Significant New Use Rules
SO₂ = Sulfur dioxide
SVCH = Substances of very high concern
SWRCB = State Water Resources Control Board
U.S. = United States
UDAQ = Utah Division of Air Quality
UST = Underground storage tank
UVCB = Unknown or variable composition, complex reaction products or biological materials
VCAPCD = Ventura County Air Pollution Control District
VOC = Volatile organic compound

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED030813-1	Air NESHAP-RICE	03/06/2013	78 FR 14457 HTML PDF	Final Rule Correction	<p>U.S. Environmental Protection Agency</p> <p>National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines; New Source Performance Standards for Stationary Internal Combustion Engines [40 CFR 60 and 63]</p> <p>Makes the following revisions to Table 2c of 40 CFR 63, Subpart ZZZZ:</p> <ul style="list-style-type: none"> Corrects the heading to read, "Requirements for Existing Compression Ignition Stationary RICE Located at a Major Source of HAP Emissions and Existing Spark Ignition Stationary RICE \leq 500 HP Located at a Major Source of HAP Emissions." Corrects the first column to read, "4. Non-Emergency, non-black start CI stationary RICE 300." <p>[RIN 2060-AQ58]</p>	
FED030813-2	Commercial Space Transportation	03/05/2013	78 FR 14401 HTML PDF	Notice Meeting	<p>Federal Aviation Administration, Department of Transportation</p> <p>Commercial Space Transportation Advisory Committee; Public Teleconference</p> <p>Announces two teleconferences of the Systems Working Group to assist the FAA in developing regulations to protect occupants of commercial suborbital and orbital spacecraft. Teleconferences are scheduled for the following dates:</p> <ul style="list-style-type: none"> 03/21/2013 04/16/2013 <p>Further information is available on the FAA website.</p>	
FED030813-3	Energy Germanium-68	03/08/2013	78 FR 15009 HTML PDF	Notice	<p>U.S. Department of Energy</p> <p>Consideration of Withdrawal From Commercial Production and Distribution of the Radioisotope Germanium-68</p> <p>Announces consideration of DOE withdrawal from commercial production and distribution of germanium-68, based on private industry expression of interest in and capability to engage in commercial production of germanium-68. Comments due 04/30/2013.</p> <p>Germanium-68 primarily is used in the production of materials for medical applications.</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED030813-4	Hazardous Materials Transportation	03/07/2013	78 FR 14702 HTML PDF	Final Rule	<p>Pipeline and Hazardous Materials Safety Administration; U.S. Department of Transportation</p> <p>Hazardous Materials: Miscellaneous Petitions for Rulemaking (RRR) [49 CFR Parts 172, 173, 175, 176, and 178]</p> <p>Amends the HMR as follows:</p> <ul style="list-style-type: none"> ▪ Adds certain record-keeping and package-marking requirements to allow for packaging traceability. ▪ Removes listing for "Gasohol, gasoline mixed with ethyl alcohol, with not more than 10% alcohol, NA1203." ▪ Revises rule to harmonize with international requirements and provides a limited quantity exception for certain Division 4.1 self-reactive materials. ▪ Allows smokeless powder classified as a Division 1.4C material to be reclassified as a Division 4.1 material. ▪ Allows Dangerous Cargo Manifests to be in locations designated by the master of the vessel while the vessel is in a U.S. port. <p>Effective 05/06/2013. [RIN 2137-AE79]</p>	
FED030813-5	Toxic Substances Acetonitrile	03/05/2013	78 FR 14241 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Acetonitrile: Community Right-to-Know Toxic Chemical Release Reporting [40 CFR Part 372]</p> <p>Denies a petition to remove acetonitrile from the list of chemicals subject to reporting requirements under Section 313 of EPCRA. EPA has reviewed the available data regarding this chemical and determined that acetonitrile does not meet the deletion criterion of EPCRA Section 313(d)(3). [RIN 2025-AA19]</p>	
FED030813-6	Toxic Substances SNUR	02/25/2013	78 FR 12684 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Proposed Significant New Use Rules on Certain Chemical Substances</p> <p>Proposes SNURs for 37 chemical substances, including several types of nanomaterials. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for an activity that is designated as a significant new use by this proposed rule. Comments due 04/26/2013. [RIN 2070-AB27]</p>	NASA-related operations should consider reviewing this action for potential impacts.
FED030813-7	Water Oil and Grease	03/06/2013	78 FR 14457 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act; Analysis and Sampling Procedures; Notice [40 CFR Part 136]</p> <p>Announces that EPA is not approving ASTM D-7575 for nationwide use as an alternative to oil and grease methods in 40 CFR Part 136. EPA has concluded this method does not produce results comparable to those achieved using the current Part 136 methods in the wide ranges of discharges to which oil and grease limitations can apply.</p> <p>Additional information, including a fact sheet, can be found on EPA's website.</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED030813-8	Water Perchlorate	03/06/2013	78 FR 14536 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Teleconference of the Chartered Science Advisory Board Announces a public teleconference to conduct a quality review of an SAB draft report, " Life Stage Consideration and Interpretation of Recent Epidemiological Evidence to Develop a Maximum Contaminant Level Goal for Perchlorate ." The teleconference will be held on 03/29/2013. The agenda and other materials will be placed on the SAB website in advance of the teleconference.	NASA-related facilities should be aware of this action.
FED030813-9	Water Watershed Modeling	03/01/2013	78 FR 13874 HTML PDF	Notice	U.S. Environmental Protection Agency Watershed Modeling To Assess the Sensitivity of Streamflow, Nutrient, and Sediment Loads to Climate Change and Urban Development in 20 U.S. Watersheds Announces availability of the draft document. " Watershed Modeling to Assess the Sensitivity of Streamflow, Nutrient, and Sediment Loads to Climate Change and Urban Development in 20 U.S. Watersheds " (EPA/600/R-12/058) for peer review and public comment. The document is intended to characterize the sensitivity of stream flow, nutrient (nitrogen and phosphorus), and sediment loading to a range of plausible mid-21st century climate change and urban development scenarios. The study also addresses methodological challenges associated with integrating existing tools and datasets to assess the potential effects of climate change and urban development on stream flow and water quality. Comments due 04/15/2013.	

1.2 Other News and Developments

1.2.1 Hazard Communication Standard Informational Materials

OSHA has released a fact sheet and a brief regarding its revised HazCom Standard (HCS). OSHA recently aligned its HCS with the United Nations' Globally Harmonized System (GHS) of Classification and Labeling of Chemicals. HCS compliance dates include the following:

- 01 December 2013: Employers must train employees in labeling requirements and the new safety data sheet (SDS) format.
- 01 June 2015: Chemical manufacturers, importers, distributors, and employers must comply with all revisions of the HCS, except distributors must ship containers labeled with a GHS label starting on 01 December 2015.
- 01 June 2016: Employers must update their HazCom programs and provide additional employee training for newly identified hazards.

Additional information and answers to frequently asked questions are available on OSHA's HazCom [website](#).

1.2.2 European Chemicals Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorization, and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) has launched a public [consultation](#) to solicit comments regarding 10 substances proposed to be identified as substances of very high concern ([SVHCs](#)). Once added to the SVHC Candidate List, substances could be considered for further evaluation for possible addition to REACH Annex XIV, Authorization. Substances included in the [Authorization List](#) require special authorization for continued manufacture and use in the EU after an assigned "sunset" date. The comment deadline is 18 April 2013. The substances being proposed are as follows:

Substance Name	CAS Number
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
4-nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
Cadmium	7440-43-9
Cadmium oxide	1306-19-0
Dipentyl phthalate	131-18-0
Pentadecafluorooctanoic acid (PFOA)	335-67-1

ECHA also has added chrysotile, a type of asbestos fiber, to the [Registry of Restriction Intentions](#). Substances on the [List of Restrictions](#) might be limited or banned from manufacture, use, or placement in the market in the EU, which would significantly limit substance availability. ECHA expects the technical dossier for this substance to be submitted in January 2014. Chrysotile joins cadmium and its compounds in plastics and paints (CAS number 7440-43-9) and 1-methyl-2-pyrrolidone (CAS number 872-50-4) on the list, the dossiers for which are scheduled for submittal in January 2014 and April 2013, respectively.

Requirements associated with the List of Authorization or List of Restrictions do not affect operations in the U.S. directly; however, they can affect the global supply chain and potentially reduce the future availability of regulated substances.

1.2.3 NASA Begins Alternate Fuel Flight Research Campaign

NASA has [announced](#) the beginning of the Alternative Fuel Effects on Contrails and Cruise Emissions (ACCESS) campaign. The purpose of ACCESS is to study the effects of biofuels on engine performance, emissions, and aircraft-generated contrails when flying at high altitudes. During tests, [DC-8](#) aircraft will fly at an altitude of approximately 40,000 feet using conventional JP-8 jet fuel or a 50-50 blend of JP-8 and an alternative biobased fuel. An instrumented NASA [Falcon HU-25](#) aircraft will trail the DC-8 and accumulate data regarding exhaust emissions and contrail formation. The goals of this campaign are to develop a better understanding of contrail formation and to quantify potential environmental impacts from the use of biofuels in the aviation industry.

1.2.4 NEPA-NHPA and Draft NEPA-CEQA Handbooks Released

On 05 March 2013, the White House Council on Environmental Quality ([CEQ](#)) released two new [handbooks](#) aimed at streamlining implementation of the National Environmental Policy Act

([NEPA](#)) with the National Historic Preservation Act ([NHPA](#)) and with the California Environmental Quality Act ([CEQA](#)).

NEPA and the NHPA require federal agencies, applicants, or project sponsors to gather information about how a proposed project might affect historic properties and present alternatives that could mitigate identified impacts. "NEPA and NHPA: Handbook for Integrating NEPA and Section 106 Reviews" ([NEPA-NHPA Section 106 Handbook](#)) is intended to reduce confusion and to eliminate duplication in the implementation of the two statutes.

NEPA and CEQA require a review process to assess the impacts a proposed project might have on public health and safety and the environment. The [draft NEPA-CEQA Handbook](#) is designed to improve efficiency, transparency, and coordination in the combined environmental review process. [Comments](#) about the draft NEPA-CEQA Handbook must be [submitted](#) by 19 April 2013.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 20 March 2013, at 10 a.m. CT.

2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

2.1 Alabama State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations Alabama.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
AL030813-1	Administration Environmental Covenants	02/28/2013	AAM Vol. XXXI, No. 5	Final Rule	<p>Alabama Department of Environmental Management</p> <p>Uniform Environmental Covenants Program [AAC 335-5]</p> <p>Finalizes a proposed rule (AAM Vol. XXXI, No. 1, 10/31/2012) that will make the following revisions to AAC 335-5:</p> <ul style="list-style-type: none"> ▪ Address changes required by Alabama Act 2-12-317 that provides for the exclusion of regulated leaking petroleum USTs from the requirements of the program ▪ Address applicability to federal facilities. ▪ Clarify programmatic requirements for environmental covenants. <p>Effective 03/26/2013.</p> <p>Federal facilities now may submit a Notice of Environmental Use Restriction in lieu of an environmental covenant for properties or sites owned by the federal government that legally are unable to execute an environmental covenant during the period of federal ownership.</p>	
AL030813-2	Air SIP	02/24/2013	Public Notice #350	Notice Hearing	<p>Alabama Department of Environmental Management</p> <p>Alabama State Implementation Plan</p> <p>Announces a hearing to solicit comments on proposed revisions to the Alabama SIP, including documents that address the CAA requirements for the 2010 NO₂ and SO₂ NAAQS. Hearing is scheduled for 03/28/2013 in Montgomery, Alabama.</p>	
AL030813-3	Waste Hazardous Waste	02/28/2013	AAM Vol. XXXI, No. 5	Final Rule	<p>Alabama Department of Environmental Management</p> <p>Hazardous Waste Program [AAC 335-14]</p> <p>Finalizes the rule (AAM Vol. XXXI, No. 1, 10/31/2012) that revises AAC 335-14 to reflect federal regulation changes, as follows:</p> <ul style="list-style-type: none"> ▪ Correct typographical and citation errors. ▪ Adopt the federal technical corrections rule. ▪ Remove certain language from the CFO letter. <p>Effective 03/26/2013.</p>	

2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in California.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA030813-1	Air Cap-and-Trade	03/08/2013	ARB Website	Notice	<p>California Air Resources Board</p> <p>Availability of Early Action Listing Information</p> <p>Announces the release of information related to early action offset projects that have been reviewed and approved for listing. Information posted includes the number of ARB offset credits issued by vintage year and the invalidation status.</p> <p>Listed projects must undergo regulatory verification before they are eligible for receiving ARB offset credits.</p>	
CA030813-2	Natural Resources CEQA	03/01/2013	CRNR 2013, 09z, p. 375	Final Rule	<p>California Natural Resources Agency</p> <p>CEQA Infill Streamlining [14 CCR 15183.3]</p> <p>Adopts regulations that establish a streamlined environmental review process for eligible infill projects by limiting the topics subject to review. The adopted regulations also include performance standards that determine a project's eligibility and a checklist for project evaluation. Effective 02/14/2013.</p>	
CA030813-3	Natural Resources NEPA, CEQA	03/06/2013	78 FR 14533 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Official Release of EMFAC2011 Motor Vehicle Emission Factor Model for Use in the State of California</p> <p>Announces that EMFAC2011 is required to be used statewide in all regional emissions analyses and CO, PM₁₀, and PM_{2.5} hot-spot analyses for transportation conformity determinations that are started on or after 09/06/2013.</p> <p>EMFAC2011 is the latest update to the EMFAC model, which calculates vehicle air pollution emission factors and is intended for use by California state and local governments to meet CAA requirements.</p>	
CA030813-4	Occupational Safety	03/01/2013	CRNR 2013, 09z, p. 347	Proposed Rule	<p>Occupational Safety and Health Standards Board</p> <p>General Industry Safety Orders–Working on (Dismantling) Pressurized Pipe [8 CCR 3329]</p> <p>Proposes amendments that would require an employer to provide for employee safety throughout the entire process of liquid-conveying pipeline maintenance, repair, or modification, and not only when the pipe line is initially opened or dismantled, by controlling hazardous energy. Comments due 04/12/2013. Public hearing is scheduled for 04/18/2013 in Sacramento, California.</p> <p>Additional information is available on the OSHSB website.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA030813-5	Species Buena Vista Lake Shrew	03/05/2013	78 FR 14245 HTML PDF	Proposed Rule	<p>U.S. Fish and Wildlife Service</p> <p>Designation of Critical Habitat for Buena Vista Lake Shrew [50 CFR 17]</p> <p>Proposes the following changes to the revised proposal to designate critical habitat for the Buena Vista Lake Shrew (77 FR 40705, 07/10/2012):</p> <ul style="list-style-type: none"> Revises the unit map labels. Provides maps with correct labels for all proposed units. Announces availability of a DEA of the revised proposal and an amended required determinations section of the revised proposal. <p>Public hearing is scheduled for 03/28/2013 in Bakersfield, California. Comments due 05/06/2013.</p> <p>The areas of critical habitat addressed in this DEA are located outside of the DFRC boundaries.</p>	DFRC should be aware of this action.
CA030813-6	Species Mountain Yellow Legged Frog	03/08/2013	CRNR 2013, 10z, p. 408	Final Rule	<p>Fish and Game Commission</p> <p>Listing of Mountain Yellow Legged Frog [14 CCR 670.5]</p> <p>Adds the southern mountain yellow-legged frog to the list of endangered species and the Sierra Nevada yellow-legged frog to the list of threatened species. Effective 04/01/2013.</p> <p>The known habitat of the mountain yellow-legged frog includes Ventura, Los Angeles, and San Bernardino counties.</p>	NASA Centers and operations in southern California should be aware of this action.
CA030813-7	Storage Tanks USTs, ASTs	03/08/2013	CRNR 2013, 10z, p. 407	Final Rule	<p>California Air Resources Board</p> <p>Vapor Recovery Certification and Test Procedures [17 CCR 94010-94011, 94016, 94150, and 94168]</p> <p>Updates the incorporation by reference dates of 10 ARB documents that include definitions, certification procedures, and test procedures related to the testing and certification of vapor recovery systems and system components used in gasoline USTs and ASTs. Also makes amendments to these 10 ARB documents that include establishing a permeation limit in gas hoses. Effective 04/01/2013.</p>	
CA030813-8	Toxic Substances 1,3-Butadiene	03/01/2013	OEHHA Website	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Revised Proposed Reference Exposure Levels for 1,3-Butadiene</p> <p>Proposes the following revised RELs for 1,3-butadiene:</p> <ul style="list-style-type: none"> Acute REL: 0.66 mg/m³ (297 ppb) 8-hour REL: 28 µg/m³ (13 ppb) Chronic REL: 7 µg/m³ (3 ppb) <p>The proposed RELs will be considered by the Scientific Review Panel on Toxic Air Contaminants during a public meeting scheduled for 04/02/2013 via teleconference.</p> <p>1,3-Butadiene is used to make certain types of rubber and other materials.</p>	
CA030813-9	Toxic Substances Deltamethrin	03/04/2013	OEHHA Website	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Availability of Hazard Identification Document for Deltamethrin</p> <p>Announces the availability of the revised hazard identification document, "Evidence on the Developmental and Reproductive Toxicity of Deltamethrin," which provides information for the consideration of listing deltamethrin as a reproductive toxicant by the DARTIC.</p> <p>Deltamethrin is an insecticide.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA030813-10	Toxic Substances Proposition 65	03/08/2013	CRNR 2013, 10z, p. 406	Notice Meeting	Office of Environmental Health Hazard Assessment Tentative Agenda for the March 18, 2013, Meeting of the Developmental and Reproductive Toxicant Identification Committee Announces a tentative agenda for the meeting of the DARTIC. Meeting is scheduled for 03/18/2013 in Sacramento, California, and will be available via webcast . Additional information is available on the OEHHA website.	
CA030813-11	Water NPDES	03/07/2013	SWRCB Website	Notice Workshop	State Water Resources Control Board Phase II Small MS4 General Permit Announces informal workshops to provide guidance about how to implement the new Phase II Small MS4 Permit program elements. Also announces availability of the following documents: <ul style="list-style-type: none"> ▪ "Guidance Document Template for Traditional Permittees" ▪ "Guidance Document Template for Non-traditional Permittees" ▪ "Guidance Document" for using both templates Workshops are scheduled for 05/21/2013 in Sacramento, California, and 05/23/2013 in Costa Mesa, California.	
CA030813-12	Water Recycled Water	03/01/2013	SWRCB Website	Notice	State Water Resources Control Board Recycled Water Policy Amendment Announces the adoption of the Recycled Water Policy Amendment , through Resolution No. 2013-003 , which establishes monitoring requirements for CECs in recycled water used for groundwater recharge. The amendment will not become effective until approved by the OAL.	

2.2.1 2013 Public Health Goal Exceedance Reports

On 25 February 2013, the Office of Environmental Health Hazard Assessment (OEHHA) released the [2013 Public Health Goal Exceedance Report](#). [Public health goals](#) (PHGs) are concentrations of contaminants in drinking water that pose no significant health risk if consumed for a lifetime. Under the Calderon-Sher Safe Drinking Water Act of 1996, water utilities are required to prepare reports every 3 years for chemicals that exceed their respective PHGs. Additional information is available on the OEHHA [website](#).

2.2.2 Construction General Permit Technical Bulletin Series

On 06 March 2013, the State Water Resources Control Board (SWRCB) released the [Construction General Permit-Technical Bulletin Series, Issue 2013.1](#). The Technical Bulletin Series is used to address common public questions about how to implement the Construction General Permit (CGP) that require more detailed answers than those found on the CGP Frequently Asked Questions [website](#). Issue 2013.1 addresses the reporting of pH values and options for meeting the "final stabilization" criteria in the CGP.

2.2.3 California Air Districts Regulatory Review

2.2.3.1 Antelope Valley Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [Antelope Valley Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAA030813-1	Air Engines	02/27/2013	AVAQMD Website	Notice	Antelope Valley Air Quality Management District Stationary Internal Combustion Engines Advisory Announces upcoming regulatory requirements for owners and operators of stationary internal combustion engines. The District currently is reviewing existing engine permits to determine engines' compliance statuses and to check that existing permit conditions adequately address the requirements of each applicable regulation.	

2.2.3.2 Bay Area Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [Bay Area Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAB030813-1	Air Open Burning	02/27/2013	BAAQMD Website	Notice	Bay Area Air Quality Management District Permissive Burn Period opens for Marsh Management Fires Announces that the spring open burning season for marsh management fires begins 03/01/2013. Marsh management fires are set for the purpose of improving marshland for wildlife habitat. The open burning season for marsh management runs until 04/15/2013. All marsh management fires must be deemed necessary by the California Department of Fish and Wildlife. Additional information is available on the District's website .	

2.2.3.3 Eastern Kern Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [Eastern Kern Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE030813-1	Air PSD	02/08/2013	EKAPCD Website	Final Rule	Eastern Kern Air Pollution Control District Prevention of Significant Deterioration [Rule 210.4] Finalizes Rule 210.4 Prevention of Significant Deterioration . The District, rather than EPA, is now the PSD permitting authority for sources located in the District. The transfer of this authority from EPA to the District includes the following: <ul style="list-style-type: none"> Authority to issue preconstruction PSD permits for new or modified facilities Authority to conduct general administration of existing PSD permits issued by EPA for sources within the District Authority to process and issue any and all subsequent permit actions relating to such permits Authority to enforce such permits Effective 02/08/2013.	DFRC should be aware of this action.

2.2.2.3.1 Desert Breeze Newsletter

The Eastern Kern Air Pollution Control District recently launched the "[Desert Breeze](#)" newsletter to keep the community informed about air quality issues. The Desert Breeze will be released quarterly on the [website](#) and hard copies made available to subscribers.

2.2.3.4 Mojave Desert Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [Mojave Desert Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAM030813-1	Air Engines	02/27/2013	MDAQMD Website	Notice	Mojave Desert Air Quality Management District Stationary Internal Combustion Engines Advisory Announces upcoming regulatory requirements for owners and operators of stationary internal combustion engines. The District currently is reviewing existing engine permits to determine engines' compliance statuses and to check that existing permit conditions address the requirements of each applicable regulation.	

2.2.3.5 South Coast Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [South Coast Air Quality Management District](#).

2.2.3.6 Ventura County Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations for the [Ventura County Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAV030813-1	Air	03/06/2013	VCAPCD Website	Notice	Ventura County Air Pollution Control District Transportation Outreach Requirements Advisory [Rule 211] Announces an advisory to remind businesses that have at least 100 employees of compliance requirements that include the following: <ul style="list-style-type: none"> Perform a commuter survey on designated months, as provided by the District. Submit a registration form within 30 days of its being applicable or annually upon the District's request. Further details are available in the advisory notice .	

2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Florida.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL030813-1	Waste Sewage	02/25/2013	FAR Notice #12680342	Proposed Rule	<p>Department of Health</p> <p>Standards for Onsite Sewage Treatment and Disposal [Chapter 64E-6, F.A.C.]</p> <p>Proposes to incorporate the following revisions to Chapter 64E-6, F.A.C., "Standards for Onsite Sewage Treatment and Disposal":</p> <ul style="list-style-type: none"> Changes from the 2010 and 2012 legislative sessions Cost savings recommendations from the septic tank industry <p>These proposed revisions address the following topics:</p> <ul style="list-style-type: none"> Existing system reuse Definitions System abandonment Permit expiration Performance-based treatment systems Estimated sewage flow Septage storage facilities statewide <p>Proposed rule text is available for review. Comments due 03/18/2013.</p>	KSC should be aware of this proposal.

2.4 Louisiana State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Louisiana.

2.5 Maryland State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Maryland.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD030813-1	Air SIP-Biogenic CO ₂	02/28/2013	78 FR 13497 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Air Quality Implementation Plans; Maryland; Deferral for Carbon Dioxide (CO₂) Emissions From Bioenergy and Other Biogenic Sources Under the Prevention of Significant Deterioration Program [40 CFR Part 52]</p> <p>Approves SIP revision that defers the application of PSD permitting requirements to biogenic CO₂ emissions from bioenergy and other biogenic stationary sources until 07/21/2014. Effective 04/01/2013.</p>	GSFC should be aware of this action.

2.6 Mississippi State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Mississippi.

2.7 New Mexico State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in New Mexico.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
NM030813-1	Air SIP-General Conformity	02/28/2013	NM Register, Vol. 24, No. 4	Notice Meeting	<p>New Mexico Environmental Department</p> <p>Conformity of General Federal Action to the State Implementation Plan [20.2.98 NMAC]</p> <p>Announces a meeting to discuss the repeal of New Mexico's regulation on conformity of federal actions to the SIP. Hearing is scheduled for 05/03/2013 in Santa Fe, New Mexico. Comments due 04/12/2013.</p> <p>Further information, including the Petition for Regulatory Change, is available on the EIB website.</p>	

2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Ohio. An archive of past public notices is available on the OEPA [website](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH030813-1	Air Permits	03/08/2013	Public Notice	Notice	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Draft Title V Permit–NASA John Glenn Research Center</p> <p>Announces issuance of draft Title V permit.</p>	GRC should be aware of this action.

2.9 Texas State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Texas.

2.10 Utah State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Utah.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT030813-1	Air	03/01/2013	UT Bull. Vol. 2013-05: 37252 DAR File No. 37258 DAR File No. 37259 DAR File No. 37260 DAR File No. 37261	Notice	<p>Utah Department of Environmental Quality; Division of Air Quality</p> <p>General Requirements: Broadly Applicable Requirements [R307-102], General Conformity [R307-115], Continuous Emission Monitoring Program [R301-170], Emission Standards: Plan for Designated Facilities [R307-220], Utah Asbestos Rule [R307-801]</p> <p>Announces that certain air quality rules, including the following, have been determined necessary under the 5-year review process and will be continued:</p> <ul style="list-style-type: none"> ▪ No. 37252: Rule R307-801. Utah Asbestos Rule ▪ No. 37258: Rule R307-220. Emission Standards: Plan for Designated Facilities ▪ No. 37259: Rule R307-170. Continuous Emission Monitoring Program ▪ No. 37260: Rule R307-115. General Conformity ▪ No. 37261: Rule R307-102. General Requirements: Broadly Applicable Requirements 	
UT030813-2	Air VOCs	03/06/2013	UDAQ Website: R307-353	Notice	<p>Utah Department of Environmental Quality; Division of Air Quality</p> <p>Plastic Parts Coatings [R307-353]</p> <p>Announces revisions to proposed rule that would limit VOC emissions from plastic parts coating operations with the potential to emit at least 2.7 tons per year of VOCs. Would affect counties including the following:</p> <ul style="list-style-type: none"> ▪ Box Elder ▪ Davis ▪ Salt Lake 	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT030813-3	Waste	03/01/2013	UT Bull. Vol. 2013-05; 37282 DAR File No. 37283 DAR File No. 37284 DAR File No. 37285 DAR File No. 37289 DAR File No. 37291 DAR File No. 37296 DAR File No. 37298 DAR File No. 37299	Notice	<p>Utah Department of Environmental Quality; Division of Air Quality</p> <p>Solid Waste Authority, Definitions, and General Requirements [R315-301], Solid Waste Facility Location Standards, General Facility Requirements, and Closure Requirements [R315-302], Landfilling Standards [R315-303], Industrial Solid Waste Landfill Requirements [R315-304], Ground Water Monitoring Requirements [315-308], Permit Requirements for Solid Waste Facilities [R315-310], Special Waste Requirements [R315-315], Other Processes Variances, Violations, and Petition for Rule Change [R317], Permit By Rule [R315-318]</p> <p>Announces that certain waste rules, including the following, have been determined necessary under the 5-year review process and will be continued.</p> <ul style="list-style-type: none"> ▪ No. 37282: Rule R315-301. Solid Waste Authority, Definitions, and General Requirements ▪ No. 37283: Rule R315-302. Solid Waste Facility Location Standards, General Facility Requirements, and Closure Requirements ▪ No. 37284: Rule R315-303. Landfilling Standards ▪ No. 37285: Rule R315-304. Industrial Solid Waste Landfill Requirements ▪ No. 37289: Rule R315-308. Ground Water Monitoring Requirements ▪ No. 37291: Rule R315-310. Permit Requirements for Solid Waste Facilities ▪ No. 37296: Rule R315-315. Special Waste Requirements ▪ No. 37298: Rule R315-317. Other Processes, Variances, Violations, and Petition for Rule Change ▪ No. 37299: Rule R315-318. Permit by Rule 	

2.11 Virginia State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Virginia.